



Crop Weather Report

Issue: 07-06

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For the Week Ending:
April 15, 2007

Agricultural Summary

Montana received moderate amounts of precipitation throughout the state last week, limiting the number of days suitable for fieldwork to 1.8 days. Chester received 0.85 inches, the most for the week. A wide range of temperatures was seen across the state. Opheim had the low of 6 degrees, and six cities reached 74 degrees. Topsoil moisture adequate and surplus is 86 percent, above last week's 82 percent and last year's 81 percent. Subsoil moisture adequate and surplus, at 67 percent, is better than last year's and last week's ratings of 62 percent and 59 percent, respectively. Conditions of both topsoil and subsoil moisture are above their five-year averages.

The weather outlook for April 23 through the 29 is for above normal temperatures and near normal precipitation east of the continental divide and for near normal temperatures and below normal precipitation west of the divide. Normal temperatures for this period in the state are for highs in the upper 40s to the upper 50s and for lows ranging from 20 degrees to the mid 30s.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	3	3	4	15
Short	11	15	15	27
Adequate	76	70	69	53
Surplus	10	12	12	5
Subsoil Moisture				
Very Short	8	10	10	30
Short	25	31	28	34
Adequate	63	55	57	34
Surplus	4	4	5	2

Livestock Report

Recent snowfall and moisture has increased the number of livestock receiving supplemental feed in most of the state, although some producers have stopped supplemental feeding and are already moving livestock to summer ranges. Range and pasture feed condition good and excellent is 39 percent, up from last week's 34 percent, but down from last year's 44 percent.

Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork				
Days	1.8	1.4	3.7	4.5
Field Tillage Work in Progress				
None	64	72	64	52
Just Started	20	19	23	25
Well Underway	16	9	13	23

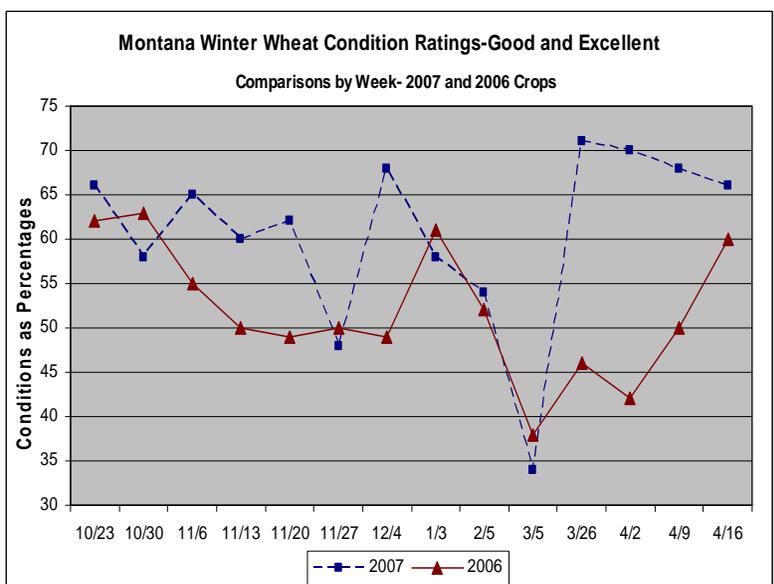
Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	1	3	3	17
Poor	20	19	10	23
Fair	40	44	43	36
Good	32	30	36	21
Excellent	7	4	8	3
Receiving Supplemental Feed				
Cattle & Calves	89	87	79	86
Sheep & Lambs	93	88	82	85
Livestock Grazing				
Open	75	72	84	77
Difficult	17	16	7	7
Closed	8	12	9	16
Livestock Calving				
Calving Complete	81	71	83	80
Lambing Complete	65	47	60	57

Field Crops Report

Cool temperatures slowed the development of winter wheat, and there have been reports of possible damage from frost. Sixty percent of winter wheat is greening and growing compared to 73 percent last year. Winter wheat good and excellent is 66 percent, above last year's 59 percent and the five-year average of 44 percent.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat – Spring Stages				
Still Dormant	7	12	4	9
Greening	33	40	23	30
Greening and Growing	60	48	73	61
Spring Wheat				
Planted	6	5	8	10
Barley				
Planted	14	10	11	18
Oats				
Planted	5	3	6	8

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Ave
Winter Wheat				
Very Poor	0	1	1	9
Poor	4	4	5	12
Fair	30	27	35	35
Good	54	54	46	36
Excellent	12	14	13	8



THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the Week ending 04/15/2007

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	70	23	44	2	-5	0.12	-0.09	0.17	-0.28	38	10.78	+4.62	175
Anaconda	66	19	39	0	-5	0.16	-0.12	0.56	-0.01	98	6.68	+1.82	137
Clinton	69	19	40	0	-7	0.25	+0.04	0.38	-0.07	84	9.10	+2.94	148
Corvallis	70	21	42	1	-6	0.20	-0.01	0.21	-0.24	47	3.05	-3.13	49
Creston	63	26	43	0	-2	0.31	-0.01	0.38	-0.26	59	5.03	-3.86	57
Deer Lodge	67	16	38	0	+0	0.04	-0.10	0.22	-0.08	73	3.48	+0.31	110
Drummond	70	15	39	0	-1	0.07	-0.14	0.23	-0.22	51	3.97	-1.34	75
Hamilton	71	21	45	10	+3	0.09	-0.12	0.25	-0.20	56	4.23	-1.95	68
Kalispell	65	23	44	2	+0	0.12	-0.12	0.26	-0.22	54	6.16	-1.87	77
Missoula	69	23	46	12	+5	0.08	-0.13	0.15	-0.30	33	5.65	-0.51	92
Olney	66	20	40	0	+0	0.08	-0.22	0.11	-0.51	18	11.81	-1.16	91
Polson	65	29	46	4	-3	0.39	+0.11	0.51	-0.07	88	5.36	-1.83	75
St Ignatius	67	28	44	1	-6	0.26	-0.02	0.51	-0.09	85	5.86	-0.98	86
Seeley Lake	67	20	43	2	+2	0.17	-0.11	0.35	-0.26	57	10.89	-2.01	84
Sula	66	17	39	0	+0	0.23	-0.05	0.33	-0.26	56	5.71	-1.17	83
Superior	67	23	46	4	-3	0.15	-0.09	0.28	-0.28	50	10.09	+0.96	111
Swan Lake	67	25	41	0	+0	0.77	+0.42	1.14	+0.38	150	16.89	+0.07	100
Thompson Falls	64	25	43	0	-10	0.56	+0.21	0.77	+0.02	103	18.30	+3.74	126
West Glacier	67	27	43	0	+0	0.49	+0.13	0.75	-0.01	99	17.60	+1.00	106
NORTH CENTRAL													
Chester	69	15	39	7	-1	0.85	+0.71	1.27	+0.97	423	5.01	+2.30	185
Chinook	74	19	38	1	-13	0.29	+0.07	0.75	+0.31	170	4.54	+1.36	143
Choteau	70	18	43	7	-7	0.07	-0.07	0.28	-0.02	93	1.99	-0.28	88
Cut Bank	67	25	42	5	-2	0.04	-0.10	0.05	-0.25	17	0.53	-2.10	20
Ft Assiniboine	73	23	40	7	-7	0.25	+0.04	0.74	+0.33	180	4.25	+0.82	124
Fort Benton	74	22	40	4	-11	0.27	+0.02	1.00	+0.51	204	5.33	+0.72	116
Goldbutte	69	18	41	4	-3	0.51	+0.30	0.99	+0.61	261	5.11	+1.98	163
Harlem	74	22	42	7	-7	0.35	+0.18	0.86	+0.53	261	3.87	+0.93	132
Havre	73	24	40	6	-6	0.24	+0.03	0.66	+0.24	157	4.05	+0.64	119
Malta	71	26	42	4	-3	0.27	+0.09	0.28	-0.06	82	3.06	+0.09	103
Rudyard	71	20	38	1	-13	0.30	+0.10	1.10	+0.74	306	4.41	+0.67	118
Shelby	68	20	41	8	+1	0.34	+0.17	0.61	+0.28	185	4.01	+1.31	149
Turner	70	19	40	6	-1	0.52	+0.34	0.68	+0.34	200	2.51	-0.46	85
Valier	67	23	43	8	+1	0.22	+0.05	0.63	+0.30	191	2.57	-0.13	95
NORTHEAST													
Bredette	70	17	37	6	-1	0.31	+0.17	0.31	+0.01	103	3.34	+0.75	129
Culbertson	74	16	38	3	-4	0.23	-0.02	0.24	-0.24	50	3.55	+0.34	111
Glasgow	71	23	39	6	-7	0.25	+0.11	0.27	+0.00	100	2.38	-0.21	92
Glendive	71	26	41	4	-10	0.42	+0.15	0.69	+0.18	135	4.00	+0.51	115
Jordan	70	20	39	1	-13	0.09	-0.15	0.39	-0.09	81	2.70	-0.77	78
Nashua	71	20	40	3	-10	0.43	+0.29	0.48	+0.21	178	3.00	+0.41	116
Opheim	66	6	35	1	-6	0.23	+0.16	0.23	+0.08	153	2.22	+0.04	102
Plentywood	72	11	37	4	-3	0.34	+0.18	0.34	+0.02	106	2.68	+0.01	100
St Marie	68	14	38	3	-10	0.27	+0.13	0.27	+0.00	100	1.79	-0.80	69
Scobey	70	9	38	4	-3	0.25	+0.11	0.25	-0.05	83	2.57	-0.02	99
Sidney	73	17	39	4	-10	0.40	+0.13	0.61	+0.10	120	3.24	-0.41	89
Wolf Point	69	19	37	2	-10	0.29	-0.01	0.29	-0.32	48	1.94	-2.10	48
CENTRAL													
Cascade	67	14	41	0	-7	0.60	+0.37	0.99	+0.52	211	5.04	+0.82	119
Grass Range	73	21	42	11	+1	0.08	-0.20	1.00	+0.46	185	6.93	+2.21	147
Great Falls	69	20	42	5	-2	0.26	-0.02	0.75	+0.15	125	5.34	-0.13	98
Harlowton	71	17	38	4	-3	0.19	-0.01	1.03	+0.67	286	5.72	+1.97	153
Helena	73	24	46	13	+6	0.01	-0.20	0.07	-0.38	16	3.18	-0.71	82
Lewistown	69	15	38	4	-3	0.10	-0.11	0.51	+0.06	113	5.78	-0.04	99
Martinsdale	69	16	41	2	-5	0.00	-0.17	0.83	+0.50	252	4.50	+0.84	123
Neihart	67	13	38	4	-3	0.46	+0.15	1.04	+0.41	165	10.44	+3.32	147
Rogers Pass	69	21	41	3	-4	0.05	-0.16	0.25	-0.18	58	4.90	+1.18	132
Roundup	71	21	45	9	-5	0.00	-0.21	0.82	+0.44	216	5.27	+1.86	155
Ryegate	70	10	36	0	-4	0.08	-0.13	0.99	+0.62	268	5.31	+1.80	151
Stanford	69	17	40	3	-4	0.25	-0.01	1.23	+0.73	246	5.93	+1.20	125
Townsend	72	18	45	9	-5	0.01	-0.13	0.36	+0.06	120	3.33	+0.17	105
Valentine	70	20	37	0	-7	0.09	-0.12	0.49	+0.06	114	4.93	+1.14	130
Wht Sulphur Spr	64	18	40	0	-7	0.05	-0.16	0.49	+0.04	109	3.38	-2.67	56
SOUTHWEST													
Boulder	66	15	41	3	-4	0.03	-0.12	0.17	-0.14	55	3.37	-0.05	99
Bozeman	67	23	43	1	-6	0.26	-0.16	1.41	+0.59	172	11.89	+4.58	163
Butte	64	17	39	2	-3	0.08	-0.13	0.28	-0.13	68	4.23	+0.48	113
Dillon	63	20	41	2	-5	0.02	-0.19	0.26	-0.12	68	3.71	+1.03	138
Ennis	65	15	41	2	-5	0.12	-0.14	0.39	-0.11	78	5.84	+1.81	145
Lakeview	62	18	39	0	+0	0.16	-0.19	0.48	-0.31	61	7.34	-1.55	83
W Yellowstone	63	18	36	0	+0	0.14	-0.21	0.55	-0.20	73	7.49	-4.45	63
Wisdom	63	12	36	2	-4	0.07	-0.13	0.30	-0.06	83	6.14	+1.99	148
SOUTH CENTRAL													
Billings	70	27	43	9	-2	0.25	-0.12	1.14	+0.37	148	6.98	+0.74	112
Cooke City	62	18	38	0	+0	0.18	-0.24	0.88	+0.00	100	6.77	-5.93	53
Gardiner	62	17	38	0	-7	0.12	-0.02	0.24	-0.03	89	4.06	+0.34	109
Hardin	74	21	44	7	-6	0.02	-0.39	0.20	-0.61	25	5.58	-0.73	88
Huntley	74	19	41	6	-4	0.06	-0.29	1.11	+0.44	166	5.90	+1.05	122
Hysham	72	23	42	2	-12	0.10	-0.18	1.16	+0.62	215	6.35	+2.17	152
Joliet	70	20	41	6	-4	0.05	-0.35	1.11	+0.31	139	6.98	+0.92	115
Livingston	68	20	40	1	-6	0.09	-0.19	1.48	+0.91	260	7.55	+2.55	151
Nye	67	20	43	6	-1	0.21	-0.07	1.29	+0.72	226	6.51	+1.51	130
Rapelje	69	19	42	5	-2	0.00	-0.28	1.08	+0.50	186	5.46	+0.02	100
SOUTHEAST													
Albion	72	16	37	0	-7	0.08	-0.21	0.31	-0.27	53	4.68	+0.86	123
Baker	66	22	36	1	-6	0.17	-0.13	0.46	-0.14	77	4.07	-0.03	99
Broadus	67	21	42	3	-4	0.11	-0.22	0.23	-0.42	35	4.58	-0.02	100
Ekalaka	66	18	39	4	-3	0.14	-0.22	0.48	-0.23	68	5.98	+1.25	126
Miles City	68	23	41	4	-6	0.29	+0.00	0.60	+0.03	105	3.40	-0.87	80
Plevna	67	21	39	0	-7	0.23	-0.07	0.51	-0.09	85	4.86	+0.76	119

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days